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DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR

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<u>L9</u>	17 and adhesive	27	<u>L9</u>
<u>L8</u>	17 and (lidocaine or epinephrine)	0	<u>L8</u>
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<u>L6</u>	L2 and (diglycidylether)	109	<u>L6</u>
<u>L5</u>	L4 and (diglycidylether)	0	<u>L5</u>
<u>L4</u>	L3 same (lidocaine or epinephrine)	20	<u>L4</u>
<u>L3</u>	L2 same gelatin	16532	<u>L3</u>
<u>L2</u>	(polyacrylic near acid) or (carboxymethyl near cellulose)	80643	<u>L2</u>
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L12: Entry 14 of 16

File: DWPI

Aug 15, 1996

DERWENT-ACC-NO: 1996-384205

DERWENT-WEEK: 200023

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TITLE: Adhesive patch for treating muscle disorders with painful contraction - contains pyridinol (salt) and water-soluble polymer, humectant, water, crosslinking agent of polyfunctional epoxy cpd. and absorption promoter

INVENTOR: ADACHI, H; IKEURA, Y ; TAKADA, Y

PATENT-ASSIGNEE:

ASSIGNEE

HISAMITSU PHARM CO LTD

CODE

HISM

PRIORITY-DATA: 1995JP-0046466 (February 10, 1995)

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PATENT-FAMILY:

	PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
<input type="checkbox"/>	WO 9624352 A1	August 15, 1996	J	022	A61K031/445
<input type="checkbox"/>	JP 3032299 B2	April 10, 2000		009	A61K031/4453
<input type="checkbox"/>	AU 9646333 A	August 27, 1996		000	A61K031/445
<input type="checkbox"/>	JP 08524141 X	September 30, 1997		000	A61K031/445

DESIGNATED-STATES: AU CA CN JP KR US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

CITED-DOCUMENTS:JP 57134415; JP 5721317 ; JP 5724307 ; JP 6336434

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
WO 9624352A1	February 8, 1996	1996WO-JP00278	
JP 3032299B2	February 8, 1996	1996JP-0524141	
JP 3032299B2	February 8, 1996	1996WO-JP00278	
JP 3032299B2		WO 9624352	Based on
AU 9646333A	February 8, 1996	1996AU-0046333	
AU 9646333A		WO 9624352	Based on
JP 08524141X	February 8, 1996	1996JP-0524141	
JP 08524141X	February 8, 1996	1996WO-JP00278	
JP 08524141X		WO 9624352	Based on

INT-CL (IPC): A61 K 9/70; A61 K 31/445; A61 K 31/4453; A61 K 47/10; A61 K 47/16;
A61 K 47/32

ABSTRACTED-PUB-NO: WO 9624352A

BASIC-ABSTRACT:

An adhesive patch contains a water-soluble polymer (I), humectant (II), water, a polyfunctional epoxy cpd. crosslinking agent (III), an absorption promoter (IV) and pridinol (A) or its salt.

(I) is polyvinyl alcohol (Ia), polyacrylic acid, or sodium polyacrylate; (II) is glycerol or polyethylene glycol; (III) is polyethylene glycol diglycidylether, ethylene glycol diglycidyl ether, glycerol diglycidylether, glycerol triglycidyl ether, propylene glycol diglycidyl ether or polyglycerol polyglycidyl ether; and (IV) is crotamiton, pyrothiodecane, benzylalcohol, propylene glycol or dipropylene glycol.

The absorption promoter acts as a solubiliser of (I).

The patch contains 3-35wt% (I), 20-70 wt.% (II), 10-70wt.% water, 0.01-5 wt.% (III), 0.01-10 wt% (IV) and 0.01-5 wt.% (A).

USE - (A) is 1,1-diphenyl-3-piperazino-1-propanol, a skeleto-muscular relaxant for treating muscular disorders with painful contraction.

ADVANTAGE - The patch is able to deliver the active agent over a longer term, safely and without irritation, giving a sufficient blood level.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: ADHESIVE PATCH TREAT MUSCLE DISORDER PAIN CONTRACT CONTAIN PYRIDINOL SALT WATER SOLUBLE POLYMER HUMECTANT WATER CROSSLINK AGENT POLYFUNCTIONAL EPOXY COMPOUND ABSORB PROMOTE

DERWENT-CLASS: A96 B03 B07

CPI-CODES: A05-A03; A08-C08; A12-V01; B04-C03B; B04-C03C; B04-N02; B05-A03A; B07-D05; B10-D03; B10-E04B; B10-E04C; B12-M02D; B12-M10; B14-J05A;

CHEMICAL-CODES:

Chemical Indexing M1 *01*

Fragmentation Code

H7 H714 H721 J0 J011 J1 J171 M210 M212 M262

M281 M320 M416 M423 M431 M782 M903 M904 M910 R041

R052 V743

Specific Compounds

00446M 00446Q

Registry Numbers

0446S 0446U

Chemical Indexing M1 *02*

Fragmentation Code

H4 H401 H481 H7 H713 H721 H8 M210 M212 M272

M281 M320 M423 M431 M510 M520 M530 M540 M782 M903

M904 M910 R041 R052 V743

Specific Compounds

21380M 21380Q

Registry Numbers
1842S 1842U

Chemical Indexing M1 *03*

Fragmentation Code
A111 A960 C710 H7 H714 H721 J0 J011 J1 J171
M210 M212 M262 M281 M320 M411 M423 M431 M510 M520
M530 M540 M782 M903 M904 R041 R052 V743
Specific Compounds
24001M 24001Q

Chemical Indexing M2 *04*

Fragmentation Code
F011 F433 G010 G019 G100 H1 H181 H2 H201 H4
H401 H481 H8 M1 M121 M132 M150 M280 M313 M321
M332 M344 M373 M391 M413 M431 M510 M521 M532 M540
M782 M903 M904 P517 R041 R052
Specific Compounds
08033M

Chemical Indexing M2 *05*

Fragmentation Code
F011 F433 G010 G019 G100 H1 H181 H2 H201 H4
H401 H481 H8 M1 M121 M132 M150 M280 M313 M321
M332 M344 M373 M391 M413 M431 M510 M521 M532 M540
M630 M640 M650 M782 M903 M904 P517 R041 R052
Specific Compounds
14208M

Chemical Indexing M6 *06*

Fragmentation Code
M903 P517 R041 R052 R263

UNLINKED-DERWENT-REGISTRY-NUMBERS: 0446S; 0446U ; 1842S ; 1842U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 018 ; P1707 P1694 D01 ; S9999 S1616 S1605 Polymer Index [1.2] 018 ; B9999 B3521*R B3510 B3372 ; Q9999 Q6644*R ; Q9999 Q7114*R ; K9483*R ; K9610 K9483 ; K9676*R ; B9999 B4488 B4466 Polymer Index [1.3] 018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8015 Q7987 ; Q9999 Q7250 ; K9905 Polymer Index [1.4] 018 ; A999 A157*R Polymer Index [1.5] 018 ; R00113 G1070 G0997 D01 D11 D10 D50 D83 F29 F26 ; A999 A022 A000 Polymer Index [1.6] 018 ; R00137 G1025 G0997 D01 D11 D10 D50 D83 F28 F26 ; R07332 G1025 G0997 D01 D11 D10 D50 D86 F28 F26 F34 ; R00714 D01 D11 D10 D19 D18 D31 D50 D76 D87 F27 F26 ; D01 D11 D10 D12 D19 D18 D31 D76 D53 D51 D59 D93 F93 F70 ; A999 A748 Polymer Index [1.7] 018 ; R01740 G2335 D00 F20 H* O* 6A ; A999 A475 Polymer Index [2.1] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; H0000 ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; M9999 M2153*R ; M9999 M2175 ; M9999 M2200 ; P0464*R D01 D22 D42 F47 ; A999 A157*R ; A999 A782 ; A999 A022 A000 Polymer Index [2.2] 018 ; H0022 H0011 ; G1081 G1070 G0997 D01 F29 F26 D11 D10 D50 D86 D89 D92 F34 ; G1570*R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D73 D83 F47 7A ; P0464*R D01 D22 D42 F47 ; A999 A782 ; A999 A157*R Polymer Index [2.3] 018 ; H0022 H0011 ; R00822 G1025 G0997 D01 D11 D10 D50 D82 F28 F26 ; G1570*R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D73 D83 F47 7A ; P0464*R D01 D22 D42 F47 ; A999 A782 ; A999 A157*R Polymer Index [2.4] 018 ; H0022 H0011 ; R00113 G1070 G0997 D01 D11 D10 D50 D83 F29 F26 ; G1570*R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D73 D83 F47 7A ; P0464*R D01 D22 D42 F47 ; A999 A782 ; A999 A157*R Polymer Index [2.5] 018 ; H0022 H0011 ; R00137 G1025 G0997 D01 D11 D10 D50 D83 F28 F26 ; G1570*R G1558 D01 D11 D10 D23 D22 D31 D42 D50 D69 D73 D83 F47 7A ; P0464*R D01 D22 D42 F47 ; A999 A782 ; A999 A157*R Polymer Index [2.6] 018 ; R00113 G1070 G0997 D01 D11 D10 D50 D83

F29 F26 ; A999 A782 ; A999 A157*R ; P0464*R D01 D22 D42 F47 ; P0975*R P0964 F34 D01 D10 ; M9999 M2200 ; M9999 M2175 Polymer Index [3.1] 018 ; R24033 G3714 P0599 D01 F70 Polymer Index [3.2] 018 ; B9999 B3521*R B3510 B3372 ; K9745*R ; N9999 N7147 N7034 N7023 ; K9483*R ; K9518 K9483 ; Q9999 Q6644*R ; Q9999 Q7114*R ; K9610 K9483 ; K9676*R ; K9698 K9676 ; B9999 B4488 B4466 Polymer Index [3.3] 018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8015 Q7987 ; Q9999 Q7250 ; K9905 Polymer Index [3.4] 018 ; R01520 D00 F20 Zn 2B Tr O* 6A ; A999 A157*R ; A999 A793 Polymer Index [3.5] 018 ; R00113 G1070 G0997 D01 D11 D10 D50 D83 F29 F26 ; A999 A022 A000 Polymer Index [3.6] 018 ; R00137 G1025 G0997 D01 D11 D10 D50 D83 F28 F26 ; R07332 G1025 G0997 D01 D11 D10 D50 D86 F28 F26 F34 ; R00714 D01 D11 D10 D19 D18 D31 D50 D76 D87 F27 F26 ; A999 A748 Polymer Index [4.1] 018 ; R00446 G0282 G0271 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D60 D83 F36 F35 ; H0000 ; S9999 S1616 S1605 ; P0088 ; P0099 Polymer Index [4.2] 018 ; R24001 G0282 G0271 G0260 G0022 D01 D12 D10 D26 D51 D53 D58 D61 D83 F36 F35 Na 1A ; H0000 ; S9999 S1616 S1605 ; P0088 Polymer Index [4.3] 018 ; B9999 B3521*R B3510 B3372 ; K9745*R ; N9999 N7147 N7034 N7023 ; K9483*R ; K9518 K9483 ; Q9999 Q6644*R ; Q9999 Q7114*R ; K9610 K9483 ; K9676*R ; K9698 K9676 ; B9999 B4488 B4466 Polymer Index [4.4] 018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8015 Q7987 ; Q9999 Q7250 ; K9905 Polymer Index [4.5] 018 ; R01520 D00 F20 Zn 2B Tr O* 6A ; A999 A793 ; A999 A157*R Polymer Index [4.6] 018 ; R00113 G1070 G0997 D01 D11 D10 D50 D83 F29 F26 ; A999 A022 A000 Polymer Index [4.7] 018 ; R00137 G1025 G0997 D01 D11 D10 D50 D83 F28 F26 ; R07332 G1025 G0997 D01 D11 D10 D50 D86 F28 F26 F34 ; R00714 D01 D11 D10 D19 D18 D31 D50 D76 D87 F27 F26 ; D01 D11 D10 D12 D19 D18 D31 D76 D53 D51 D59 D93 F93 F70 ; A999 A748 Polymer Index [4.8] 018 ; R01740 G2335 D00 F20 H* O* 6A ; A999 A475 Polymer Index [5.1] 018 ; R00964 G0044 G0033 G0022 D01 D02 D12 D10 D51 D53 D58 D83 ; H0000 ; P1150 ; P1343 Polymer Index [5.2] 018 ; K9483*R ; K9518 K9483 ; K9698 K9676 ; K9712 K9676 Polymer Index [5.3] 018 ; ND01 ; Q9999 Q8037 Q7987 ; Q9999 Q8015 Q7987 ; Q9999 Q7250 ; K9905

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1996-120881

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(19) 日本国特許庁 (J P)

(12) 公開特許公報 (A)

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特開平8-325149

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A 6 1 K 31/445	A A S		A 6 1 K 31/445	A A S
9/06			9/06	G
9/08			9/08	S
9/70	3 4 1		9/70	M
			3 4 1	

審査請求 未請求 請求項の数 3 F D (全 7 頁) 最終頁に続く

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(71) 出願人 390039468

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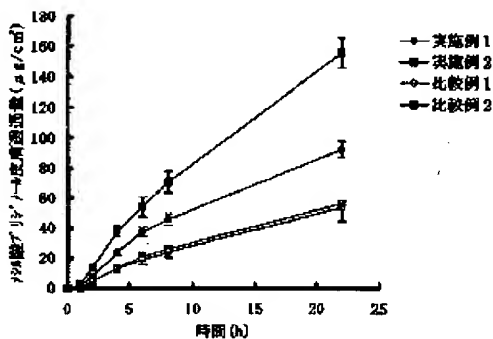
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(54) 【発明の名称】 メシル酸ブリジノール含有外用剤

(57) 【要約】

【構成】 メシル酸ブリジノール、グリセリン、ベンジルアルコール及び外用基剤からなるメシル酸ブリジノール含有外用剤。

【効果】 メシル酸ブリジノール含有外用剤にグリセリン及びベンジルアルコールを配合せしめることによつて、有効血中濃度を長時間維持することができる。





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5843016.pn. and antioxidant	0

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L47 5843016.pn. and antioxidant 0 L47

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L45 US-6295469-B1.did. 1 L45

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L44 l38 same transdermal 9 L44

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L42 lidocaine near epinephrine near mixture 2 L42

L41 lidocaine near epinephrine near combination 1 L41

L40 L39 and transdermal 19 L40

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DB=PGPB,USPT; PLUR=YES; OP=OR

<u>L31</u>	L30 and polyacrylic	6	<u>L31</u>
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<u>L28</u>	L25 and hisamitsu	22	<u>L28</u>
<u>L27</u>	hitsamitsu	0	<u>L27</u>
<u>L26</u>	L25 and hitsamitsu	0	<u>L26</u>
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<u>L21</u>	HIGO.in. near SHIGETO	43	<u>L21</u>
<u>L20</u>	HIGO,in. near SHIGETO	0	<u>L20</u>

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<u>L17</u>	epoxy same adhesive	71859	<u>L17</u>
<u>L16</u>	epoxy and adhesive	123296	<u>L16</u>
<u>L15</u>	4695465.pn. and epoxy	0	<u>L15</u>
<u>L14</u>	loxoprofen same basic	5	<u>L14</u>
<u>L13</u>	iontophoresis and (epoxy near compound)	8	<u>L13</u>
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<u>L7</u>	L6 and transdermal	19	<u>L7</u>
<u>L6</u>	lidocaine same epinephrine same mixtures	115	<u>L6</u>
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<u>L3</u>	lidocaine same epinephrine	651	<u>L3</u>
<u>L2</u>	propranolol near basic	6	<u>L2</u>
<u>L1</u>	propranolol same drug	2488	<u>L1</u>

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